

IN THE CLAIMS

Please newly add claims 21 through 28 as follows:

Sub
C1

1 --21. The printhead of claim 1, each of said plurality of ink inlet passages extend through
2 said base plate, each of said plurality of ink inlet passages having an essentially circular cross-
3 section, said plurality of grooves being disposed around an entire circumference of each inner
4 wall of each of said plurality of ink inlet passages.

214
Cand

2 22. The printhead of claim 1, said printhead being a bubble jet type ink jet printhead with
3 said plurality of heaters forming said bubbles in respective chambers, said plurality of grooves
4 extending through said base plate in said inner walls of each of said plurality of ink inlet
5 passages.

1 23. The printhead of claim 7, each of said plurality of ink inlet passages extend through
2 said substrate, each of said plurality of ink inlet passages having an essentially circular cross-
3 section, said plurality of grooves being disposed around an entire circumference of each inner
4 wall of each of said plurality of ink inlet passages.

1 24. The printhead of claim 7, said printhead being a bubble jet type ink jet printhead with
2 said plurality of heaters forming said bubbles in respective chambers, said plurality of grooves
3 extending through said substrate in said inner walls of each of said plurality of ink inlet passages.

1 25. The printhead of claim 12, each of said plurality of ink inlet passages extend through.
2 said base plate, each of said plurality of ink inlet passages having an essentially circular cross-
3 section, said plurality of grooves being disposed over an entire surface of each inner wall of each
4 of said plurality of ink inlet passages.

Sub C
G4
end
1 26. The printhead of claim 12, said printhead being a bubble jet type ink jet printhead
2 with said plurality of heaters forming said bubbles in respective chambers, said plurality of
3 grooves extending through said base plate in said inner walls of each of said plurality of ink inlet
4 passages.

1 27. The printhead of claim 12, said plurality of grooves being formed over an entire
2 portion of said inner wall of each of said plurality of ink inlet passages.

1 28. The printhead of claim 7, said plurality of grooves being disposed on each inner wall
2 in a direction parallel to a direction through said substrate.--